

Top 20 Chemicals with Largest TRI On-site and Off-site Disposal or Other Releases, 2002: Food Products (SIC 20)

Top 20 Chemicals with Largest TKR On-site and On-site Disposal or Other Releases, 2002: Food Products (SIC 20)																		
CAS Number Chemical	On-site Disposal or Other Releases															Total On-site Disposal or Other Releases Pounds	Total Off-site Disposal or Other Releases Pounds	Total On-site and Off-site Disposal or Other Releases Pounds
	On-site Disposal to Class I Underground Injection				Other On-site Disposal or Other Releases													
	RCRA				Fugitive Air Emissions Pounds	Point Source Air Emissions Pounds	Surface Water Discharges Pounds	Class II-V Wells Pounds	Land Treatment Pounds	Surface Impoundment Pounds	Other Land Disposal Pounds	Subtotal Pounds	Total On-site Disposal or Other Releases Pounds					
	Subtitle C Landfills Pounds	Other On- site Landfills Pounds	Subtotal Pounds															
-- Nitrate compounds	28,860	0	733	29,593	315,530	535	68,535,935	6,887	11,785,756	18,775	186,708	80,850,126	80,879,719	2,225,490		83,105,209		
110-54-3 n-Hexane	0	250	0	250	10,535,379	17,935,169	614	0	0	5	21	28,471,188	28,471,438	823		28,472,261		
7664-41-7 Ammonia	1,574	0	20,546	22,120	9,088,224	4,559,447	285,788	17,076	1,155,553	121,264	19,033	15,246,384	15,268,504	361,055		15,629,559		
7647-01-0 Hydrochloric acid	0	0	0	0	13,245	3,158,191	0	0	0	0	0	3,171,435	3,171,435	0		3,171,435		
67-56-1 Methanol	0	0	0	0	145,220	2,090,496	10	0	452	0	0	2,236,178	2,236,178	82		2,236,260		
7697-37-2 Nitric acid	10	750	0	760	2,749	846	10	0	216,632	36,796	52,791	309,824	310,584	1,400,848		1,711,432		
7664-93-9 Sulfuric acid	0	0	0	0	20	988,147	0	0	0	0	0	988,167	988,167	0		988,167		
75-07-0 Acetaldehyde	0	0	0	0	162,844	820,877	329	0	0	0	0	984,050	984,050	16		984,066		
1912-24-9 Atrazine	0	0	0	0	0	0	0	0	533,480	0	0	533,480	533,480	0		533,480		
123-38-6 Propionaldehyde	0	0	0	0	0	507,775	0	0	0	0	0	507,775	507,775	0		507,775		
91-20-3 Naphthalene	0	0	0	0	0	461,406	0	0	0	0	0	461,406	461,406	0		461,406		
71-43-2 Benzene	0	0	0	0	510	379,462	0	0	0	0	0	379,972	379,972	0		379,972		
7439-96-5 Manganese	0	0	0	0	17	399	0	0	0	0	0	417	417	361,169		361,586		
108-88-3 Toluene	0	0	0	0	148,868	125,119	5	0	0	0	0	273,992	273,992	23,640		297,632		
7440-39-3 Barium	0	0	25,340	25,340	7	164,819	2,846	0	0	0	20,092	187,764	213,104	79,241		292,345		
50-00-0 Formaldehyde	0	0	0	0	3,113	208,629	0	0	0	0	0	211,742	211,742	0		211,742		
107-21-1 Ethylene glycol	0	0	0	0	42,937	130,987	0	0	0	33,216	0	207,140	207,140	0		207,140		
75-45-6 Chlorodifluoromethane (HCFC-22)	0	0	0	0	198,661	0	0	0	0	0	0	198,661	198,661	0		198,661		
7664-39-3 Hydrogen fluoride	0	0	0	0	10	192,055	0	0	0	0	0	192,065	192,065	0		192,065		
74-83-9 Bromomethane	0	0	0	0	149,793	13,909	0	0	0	0	0	163,702	163,702	0		163,702		

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/tridata/index.htm#pdr.

On-site Disposal or Other Releases include Underground Injection to Class I Wells (Section 5.4.1), RCRA Subtitle C Landfills (5.5.1A), Other Landfills (5.5.1B), Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Class II-V Wells (5.4.2), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71), RCRA Subtitle C Landfills (M65), Other Landfills (M64, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Surface Impoundments (M63), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include Off-site Disposal or Other Releases transferred to other TRI facilities that reported the amounts as on-site disposal or other releases.

Facilities/forms are included in the manufacturing industry categories (SIC Codes 20-39) if they did not report a SIC code in the other industries. Forms that reported more than one 2-digit SIC code within the range 20 to 39 are assigned to the "multiple codes" category. Facilities/forms are included in the other industry categories if the facility/form has a SIC code in the other industries and no SIC code in 20-39. If the facility reported in any year prior to 1998 and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the manufacturing industry category. If the facility reported for the first time in 1998 or later and the facility/form has a combination of manufacturing and other industry SIC codes, then the facility/form is included in the other industry category. Forms with no 2-digit SIC code are included in the "no codes" category. One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2002 and previous years have been included in SIC code 10 for the purpose of this analysis.